

IN THE SPECIFICATION

*E1* Please delete the existing Sequence Listing pages 1-19 and replace with pages 1-21 file herewith, constituting a Substitute Sequence Listing.

Please delete the paragraph on page 18, lines 9 and 10, beginning "Figure 9...", of the specification and replace with the following paragraph:

*E2* Figure 9 represents homology of amino acid sequences of intracellular domains of LAR (SEQ ID NO: 9) and CD45 (SEQ ID NO: 10).

Please delete the paragraph on page 31, lines 7-19, beginning "Homology between amino acid...", of the specification and replace with the following paragraph:

*E3* Homology between amino acid sequences of intracellular domains of LAR (SEQ ID NO: 9) and CD45 (SEQ ID NO: 10) is shown in Fig. 9. In the figure, "." denotes the identical amino acid, whereas " " denotes the similar amino acid between both amino acid sequences. When the amino acid sequences from the phosphatase domain 1 to C-terminal end in the intracellular domains of LAR and CD45 are compared, it was revealed that the homology was 39.4%. Among them, 12 amino acids corresponding to the vicinity of consensus sequence that carries tyrosine phosphatase activity in domain 1 (Val-Val-His-Cys-Ser-Ala-Gly-Val-Gly-Arg-Thr-Gly; SEQ ID NO: 4 (amino acids from position 245 to 256 in SEQ ID NO: 1) are completely identical (the portion depicted with outline characters in Fig. 9). It is reported that a polypeptide must include approximately 8 to 10 amino acids in order to be a possible antigen determinant, therefore, it is expected that YU2 may recognize the consensus sequence of the phosphatase comprising the 12 amino acids set out in SEQ ID NO: 4 as an epitope.